

rz 355.021CIP2 3/8/05

- 2 -

In the Specification:

On page 5, line 3, please amend the paragraph as follows:

5 Brief Description of the Drawings

Fig. 1 is a schematic side view of the formation of a reactor of a prior art system;

Fig. 2 is a graphical illustration of the correlation between iodine yield and acoustic power;

10 Fig. 3 is a perspective view of the transducer system of the present invention disposed below a movable endless member;

Fig. 4 is a cross-sectional view along line 4-4 in Fig. 3;

15 Fig. 5 is a cross-sectional side view of the transducer system of the present invention;

Fig. 5A is an enlarged view of cavitation bubbles dispersed in slurry disposed above the movable endless medium;

20 Fig. 5B is a detailed view of a distance between the permeable medium and the foil;

Fig. 6 is a cross-sectional view of a second embodiment of the transducer system of the present invention;

25 Fig. 7 is a cross-sectional view of a plurality of transducers disposed below a movable endless medium;

Fig. 8 is a cross-sectional view of a paper machine dry end paper surface treatment device;

Fig. 9 is a detailed view of a blade;

rf 355.831CIP2 3/8/05

- 3 -

Fig. 10 is a cross-sectional view of a paper machine dry end paper surface treatment device with a bent blade;

5 Fig. 11 is a top view of a blade holder with grooves and ultrasonic transducers placed along a width of the blade holder;

Fig. 12 is a detailed view of a blade holder with an ultrasonic transducer and a stiff blade that together act as a sonotrode and transfers wave energy to the blade tip;

10 Fig. 13 is a top view and a side view of the pressure device, built as a sonotrode, used in Fig. 10; and

Fig. 14 is a side view of the pressure device, built as a sonotrode, used in Fig. 10; and

15 Fig. 15 is a side view of the sonotrode used in Fig. 12 combined with a short dwell time applicator for thin paper.